

Title (en)

Method of producing a self supporting form from a coating material

Title (de)

Verfahren zur Herstellung einer selbsttragenden Form aus Beschichtungsmaterial

Title (fr)

Procédé de fabrication d'une forme autoporteuse à partir d'un matériau de revêtement

Publication

**EP 2361998 A2 20110831 (EN)**

Application

**EP 11151359 A 20110119**

Priority

- GB 201002838 A 20100219
- GB 201002840 A 20100219

Abstract (en)

A method of producing an integral self supporting coating test piece (16) from particulate material comprising the steps of (i) producing a reusable mould (10) having a depression (12) which conforms to the desired shape and volume of said coating test piece (16), the reusable mould (10) comprising silicone rubber, (ii) roughening the surface (14) of the reusable mould (10), (iii) heat treating the reusable mould (10), (iv) thermally spraying particulate material into the depression (12) in the reusable mould (10), and (v) removing the reusable mould (10) from the solidified coating test piece (16).

IPC 8 full level

**C23C 4/18** (2006.01)

CPC (source: EP US)

**C23C 4/185** (2013.01 - EP); **F02C 7/25** (2013.01 - US); **F16J 15/022** (2013.01 - US); **F16J 15/065** (2013.01 - US); **Y02T 50/60** (2013.01 - US)

Citation (applicant)

EP 1600522 A2 20051130 - ROLLS ROYCE PLC [GB]

Cited by

FR3097966A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2361998 A2 20110831**; **EP 2361998 A3 20120328**; US 2011203251 A1 20110825; US 8985941 B2 20150324

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**EP 11151359 A 20110119**; US 201113009357 A 20110119